



# Alameda County Food Scraps Recycling

**Overcoming the Barriers**

**12/12/2002**

# **Background**

- Organics make up a **SIGNIFICANT** portion of the **Alameda County Waste Stream**

# Lots of Organics



# Authority Recycling Programs

## Multi-program Approach

# Source Reduction

## **Home Composting**





# Education

## **Master Composter Training**



# Schools

## On site composting in schools





# Processing Development

## **Organics Composting**





# Collection

## **Residential Food Scraps**



# Collection

## Commercial Food scraps







# **Barriers to Food Scrap Recycling**

# Barriers

- **Franchise Agreements**
- **Perceptions**
- **Infrastructure**



# Franchise Agreements

- **Exclusive versus Open**
- **Definitions / Language**
- **Rates / Frequency of Collection**
- **Timing RFP or Amendments**

# Franchise Agreements

- **Open**                      = **Competition**  
                                     = **Lower cost**  
                                     = **High Contamination**
- **Exclusive**                = **Mandatory Service**  
                                     = **Greater diversion**

# Franchise Agreements

- **CCR 17225.30. Garbage.**

"Garbage" includes all kitchen and table food waste, and animal or vegetable waste that attends or results from the storage, preparation, cooking or handling of food stuffs.

# Franchise Agreements

- **Rates = Service + Destination**



# Franchise Agreements

- **Frequency of Collection = Catch-22**

# Franchise Agreements

- **CCR Section 17331. Frequency of Refuse Removal.**

(H) The owner...business or industry shall be responsible for the satisfactory removal of all refuse.. shall not be be allowed to remain on the premises for more than seven days,

# Franchise Agreements

- PRC 40059. (a) ..... each county, city, district, or other local governmental agency may determine all of the following: (1) Aspects of solid waste handling which are of local concern, including, but not limited to, **frequency of collection,**

# Perceptions

- **The “Ick” Factor**
- **Space - The Final Frontier**
- **What are you doing to my Garbage & split bodied trucks**



# Perceptions “ICK”



Perception

Space



# Perception What's going On?



12/12/2002

# Perceptions

- **Its not “Just Garbage” any more  
(The I already do enough Syndrome)**
- **Sink Disposal**
- **Vector Control**



Perception

Enough!



Perceptions

Disposals



12/12/2002

# Perceptions Vector Control



# Infrastructure

# Residential

- **Partnership with Jurisdictions**
- **Up to \$10/household**
- **Foodscraps, Contaminated paper**
- **One time offer**
- **Weekly Collection**

# Infrastructure

# Residential

- **Pails**
- **Media**
- **Distribution**
- **Monitoring**
- **Follow-up**



# Infrastructure      Commercial

- **Partnership with Haulers**
- **\$25/ton diverted**
- **Foodscraps, Contaminated paper**

# Infrastructure

# Commercial

- **New Containers**
- **Education / Follow-up**
- **Trucks / Labor**
- **Transfer points**

# ACWMA

## Rewards

- **Residential @ 10% New Diversion**
- **\$25,000 + \$1/ percentage point**
  
- **Commercial @ 15% New Diversion**
- **\$25,000 + \$1/ percentage point**

# Processing



# **Processing**

- **Low Cost**
- **Long Term**
- **High Quality**
- **High Volume**
- **In-county capacity**



# **What You Can Do!**

- **Be a catalyst**
- **Build on existing infrastructure**
- **Encourage highest and best use of materials**
- **Develop and expand markets**